

COMMITTEE WORKSHOP
BEFORE THE
CALIFORNIA ENERGY RESOURCES CONSERVATION
AND DEVELOPMENT COMMISSION

In the Matter of:)
)
Informational Proceeding and)
Preparation of the 2005 Integrated) Docket No.
Energy Policy Report) 04-IEP-01
)
Re: Electricity Demand and Retail)
Price Data Requirements)
_____)

BUNDERSON BUILDING
AUDITORIUM
901 P STREET
SACRAMENTO, CALIFORNIA

MONDAY, SEPTEMBER 20, 2004

10:45 A.M.

Reported by:
Peter Petty
Contract No. 150-04-002

PETERS SHORTHAND REPORTING CORPORATION (916) 362-2345

COMMISSIONERS PRESENT

John Geesman, Presiding Member

ADVISORS PRESENT

Melissa Ann Jones

STAFF and CONTRACTORS PRESENT

Kevin Kennedy

Caryn Holmes

Lynn Marshall

Michael R. Jaske

ALSO PRESENT

Stephen St. Marie
California Public Utilities Commission

Lawrence Tobias
California Independent System Operator

Manuel Alvarez
Southern California Edison Company

Tim Vonder
San Diego Gas and Electric Company

Greg Bass
Alliance for Retail Energy Marketers
Sempra Energy Solutions

Michael Cockagne
Los Angeles Department of Water and Power

Frank Schultz
Southern California Edison Company
Far West Services, Ltd.

Ted Mureau
Southern California Edison Company

ALSO PRESENT

Kenneth C. Goeke
Northern California Power Agency

Mike Pretto
Silicon Valley Power
City of Santa Clara

Sarah Jaffe
Natural Resources Defense Council

Richard Aslin
Pacific Gas and Electric Company

Lowell Watros
Redding Electric Utility
City of Redding

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P R O C E E D I N G S

10:45 a.m.

MR. KENNEDY: We are now ready to start.

Actually, first on the agenda is Commissioner Geesman with opening remarks.

PRESIDING MEMBER GEESMAN: I'll try to truncate these. I'm John Geesman, the Commission's Presiding Member of its Integrated Energy Policy Report Committee.

The primary message I wanted to convey was the Committee's perspective as we set about this particular task, which is called for by statute. The Committee's perspective is that the CPUC and the Cal-ISO are our two primary client agencies for this work.

And in the Committee's judgment we should shape the analysis that we do, the methodology that we utilize, in such a way that it will be most useful in the CPUC's procurement process and in the Cal-ISO's grid assessment studies.

Commissioner Peevey issued an assigned Commissioners' ruling, which I believe you've all seen last Thursday to that effect. We have enjoyed a close cooperation over the past many

1 months with each of the three entities. And it's
2 the Committee's intent to conduct this process
3 with the interests of both the PUC process and the
4 Cal-ISO process foremost in mind.

5 Thank you, Kevin.

6 MR. KENNEDY: Thank you. As I had said
7 as we were getting set up my name is Kevin
8 Kennedy, and I'm Staff's Program Manager for the
9 Integrated Energy Policy Report process in this
10 cycle.

11 In terms of what we're planning to do
12 today I'm starting with a brief presentation, sort
13 of giving an overview of the energy report
14 proceeding this time around, particularly sort of
15 as it fits into the context of this workshop.

16 Then Lynn Marshall will be providing an
17 overview of staff's proposal for collecting data
18 on the demand forecast.

19 And from there she will be walking
20 through the proposed forms and instructions that
21 were published along with the workshop notice.

22 At each of those points we will stop and
23 give other parties a chance for comments or
24 questions. If there's anything that you want to
25 ask about or have concerns about, there will be an

1 opportunity for that.

2 In terms of the Integrated Energy Policy
3 Report it is intended to serve two main large
4 purposes in terms of overall state energy policy.
5 The first is the development of an integrated
6 energy policy for the state. I've included some
7 quotes from the Public Resources Code relating to
8 this, to the different parts of it:

9 "Integrated Energy Policy Report shall
10 present policy recommendations based on an indepth
11 and integrated analysis of the most current and
12 pressing energy issues facing the state."

13 A second purpose is to help the state
14 develop a common information base for use in
15 energy policy decisionmakings by different
16 entities around the state, for the purpose of
17 insuring consistency in the underlying information
18 that forms the foundation of energy polices and
19 decisions affecting the state.

20 Those entities, what's meant there are a
21 number of agencies that were particularly called
22 out in the statute. And I would say that we are
23 interpreting this a bit broader, not just those
24 specific agencies, but all parties that are making
25 any sort of energy policy decisions around the

1 state.

2 Those entities shall carry out their
3 energy-related duties and responsibilities based
4 upon the information and analyses contained in
5 this report.

6 I would like to emphasize, as well, the
7 point that Commissioner Geesman just made that
8 part of the way that the information that's
9 presented in the energy report becomes information
10 that other agencies will want to use and be able
11 to use, is if we are viewing the other agencies
12 as, in effect, our clients for the development of
13 that information.

14 So, we are looking at this requirement
15 to some degree calling on other agencies to make
16 use of what we're doing, but also putting a very
17 large responsibility on the Energy Commission to
18 develop information in a way that actually will be
19 useful for other players as we move forward.

20 One aspect of that, what we're doing
21 overall, is that we are conducting assessments and
22 forecasts. And the point of today's workshop in a
23 lot of ways is captured in this quote from the
24 legislation:

25 "To perform these assessments and

1 forecasts the Commission may required submission
2 of demand forecasts, resource plans, market
3 assessments and related outlooks from electric and
4 natural gas utilities, transportation fuel and
5 technology suppliers and other market
6 participants."

7 So we're here today to talk about one
8 particular aspect of the data that staff believes
9 is required and to talk about why we need it, what
10 we expect to use it for and the details of how it
11 can most usefully be provided.

12 One of the key aspects of the energy
13 report process overall is the importance of
14 statewide, both coordination, and statewide
15 evaluation of the energy picture. The overall
16 planning process needs to consider the entire
17 state and region, including the investor-owned
18 utilities, the municipal utilities, other
19 electricity service providers, a wide variety of
20 players in the energy system for the state and the
21 region.

22 And beyond that sort of geographic
23 integration covering all of the players the Energy
24 Commission, in this proceeding, is looking to try
25 to integrate the considerations of load growth,

1 load management, generation planning and
2 transmission planning as we look at electricity
3 and natural gas issues in particular.

4 The energy report also covers
5 transportation fuels, transportation energy
6 issues. The degree of integration there tends to
7 be a bit less these days, but looking forward it
8 is probably going to be increasing as we move
9 forward. So we are looking for integration there,
10 as well.

11 A key piece of that integration is the
12 coordination with the PUC and the ISO. And in
13 these overheads to some degree I'm actually
14 pulling on the attachment that was included with
15 Commissioner Peevey's ruling from last week, in
16 terms of some of the bullet points. I'm sort of
17 pulling from that.

18 There's been a lot of ongoing discussion
19 amongst the staffs of the PUC, the Energy
20 Commission and the ISO in terms of how to make the
21 proceedings in the different agencies fit
22 together. As you have heard from Commissioner
23 Geesman, and is indicated in the ruling from
24 President Peevey, there's definite support for
25 that at the Commissioner level, as well.

1 The way we're looking at that at this
2 point, with some of the details still to be worked
3 out, is that the energy report proceeding will
4 estimate the need for resource additions, evaluate
5 the policies and recommend appropriate resource
6 strategies.

7 In the PUC procurement process we would
8 be looking at producing IOU-specific procurement
9 plans, requirements for competitive generation
10 solicitations, incorporation of needed
11 transmission upgrades and guiding preferred
12 resource acquisition to insure resource adequacy
13 on a biennial cycle beginning in 2006.

14 In the ISO's annual grid planning
15 process within this scheme what we would be
16 looking at is the ISO would receive information
17 from both the PUC procurement process and from our
18 energy report proceeding. That they would have
19 the ability to integrate the information into a
20 comprehensive view for the ISO-controlled grid.
21 And also then look at developing project-specific,
22 -- preferred transmission projects.

23 So we're trying to make sure that all of
24 these pieces fit together in a clear and
25 consistent way as we move forward.

1 One of the things that is very important
2 about what we're doing here at the Energy
3 Commission in the energy report proceeding is that
4 we have the requirement and the ability to look
5 beyond simply the ISO-controlled grid or those
6 entities under the PUC's jurisdiction.

7 The statewide focus is something that we
8 feel is very important. As we were trying to look
9 at the statewide energy picture and the statewide
10 policy recommendations we are trying to make sure
11 that we have the forum in this proceeding for
12 consideration of all of the statewide and wider
13 regional issues, as well.

14 Part of that is developing an integrated
15 statewide policy, addressing the parties, not just
16 those that are under the jurisdiction of the PUC
17 or ISO, but sort of understanding how all of the
18 pieces fit together for the state.

19 One important piece moving forward,
20 particularly for the grid planning process, is
21 disaggregation of the load forecast. What we're
22 talking about primarily in terms of being able to
23 work with the PUC's procurement proceeding is
24 looking at forecasts that are done more at the
25 level of the individual load-serving entities.

1 But staff is working with the ISO's
2 staff to provide a good way of getting into the
3 annual grid planning process, more disaggregated
4 data that would be used for the transmission
5 planning process. Making sure that what the PTOs
6 are providing in terms of their very detailed
7 transmission and load forecast information, you
8 know, down virtually to the buss level, that we
9 have a mechanism where the Energy Commission Staff
10 can work with the information in our forecast, and
11 that information, to make sure that the
12 disaggregated version, as it aggregates up to the
13 load forecast, fits in a way that is useful for
14 the ISO. And for the PTOs in that planning
15 process.

16 We're also looking somewhat broadly, in
17 terms of the energy report proceeding, at a wide
18 variety of environmental issues. The energy
19 report does include an evaluation of the
20 environmental performance of the electrical
21 system. And we are looking for making sure that
22 the integration, as we move forward, includes
23 consideration of the environmental impacts as part
24 of the overall planning and procurement process.
25 So that is also something that we're moving

1 forward with.

2 The data collection efforts that we're
3 looking at, starting today, in this workshop, is
4 the first in a series of similar workshops on a
5 variety of issues. We would expect to have a
6 similar workshop on electricity supply, on natural
7 gas, on transmission, on environmental impacts and
8 on transportation fuels.

9 The particular workshops, depending on
10 the nature of the data needs that staff has, and
11 sort of how the pieces are fitting together, may
12 look a lot like this, or maybe more on the order
13 of scoping discussions: Here's the information we
14 know already exists and where we're planning to
15 go. Or maybe more focused on forms and
16 instructions for how we are looking to try to
17 gather new information to allow us to do the work
18 that we need to do going forward. So it will be a
19 mix of exact level of details and approaches as we
20 go forward.

21 In terms of next steps, following this
22 workshop and review of grid comments we expect the
23 Committee will issue an order directing parties to
24 submit certain data and analyses.

25 As part of that we would expect staff,

1 working with the Committee and under their
2 direction, to prepare a revised set of forms and
3 instructions. What we're talking about today is
4 essentially staff's initial proposal. There may
5 be changes to that proposal as we get direction
6 from the Committee in terms of what is going to be
7 included in the order.

8 And, of course, the order will include
9 filing deadlines, as well.

10 Moving forward beyond that we would
11 expect the load forecast to be prepared by staffs
12 in the individual load-serving entities in early
13 2005. Most likely the timing for hearings on the
14 forecast overall would be roughly the March
15 timeframe. After the hearings the likely approach
16 is for the Committee to direct preparation of
17 forecasts that would be then adopted by the Energy
18 Commission.

19 One of the important things, as we're
20 looking at this proceeding and the forecasts that
21 are developed as part of it, feeding the PUC's
22 procurement process, it will be important that the
23 forecasts get refreshed with new load data before
24 the final forecasts are adopted as part of the
25 2005 energy report next fall.

1 In terms of the plan for today, as I
2 said before, staff will provide an overview of the
3 analyses we plan to conduct, and how the data and
4 analyses we're requesting relate to those. There
5 will be an opportunity for questions and comments
6 at that point.

7 Actually, a couple things I left out.
8 Before that first bullet, we do have someone here
9 from the PUC who will be making a statement about
10 the PUC's view of what we're doing here. And we
11 also have someone from the ISO. I'm not sure
12 whether he is going to actually want to make a
13 statement or is just available as questions and
14 comments come up. And so there will be an
15 opportunity both for those folks.

16 And then to the extent that there are
17 any questions and comments about what's been said
18 so far before I will hand it over to Lynn for her
19 presentation.

20 And then after sort of her initial
21 presentation if there are sort of more general
22 questions and comments, at that stage we'll take
23 those. And then move into walking through the
24 details of the forms and instructions.

25 And then after we've handled any

1 questions and comments on the forms and
2 instructions, themselves, if anyone wants to make
3 any final comments, there'll be the opportunity
4 for that, as well.

5 And that's what I have at the moment.
6 So, unless there are immediate questions and
7 comments, what I would like to do is turn it over
8 to Stephen St. Marie with the PUC for a statement.

9 DR. ST. MARIE: Good morning, and thank
10 you, Kevin. My name is Stephen St. Marie and I am
11 here representing the staff of the California
12 Public Utilities Commission, as well as on behalf
13 of President Michael Peevey. He wishes to extend
14 his apologies for not being able to attend in
15 person, but is very much in support of the
16 activities being initiated here today.

17 Last week President Peevey issued an
18 assigned Commissioners' ruling, an ACR, as we call
19 it, in rulemaking 04-04-003, which is the CPUC's
20 order instituting rulemaking to promote policy and
21 program coordination and integration in the
22 electricity utility resource planning, which is
23 the proceeding where we began a close
24 collaboration between our agency and the CEC on
25 the adoption of long-term resource plans for

1 electric utilities and resource adequacy issues.

2 In that ruling President Peevey stated
3 how the CPUC and CEC Staffs, with input from the
4 CA-ISO, have been working on the integration of
5 our planning process and coordination of our
6 agency responsibilities and expertise to insure a
7 consistent and coherent state process on electric
8 resource planning.

9 A one-page summary sheet attached to the
10 ACR shows our preliminary thoughts on this issue.
11 While staff continue to discuss and fine-tune this
12 integration of our work, I am pleased to say that
13 we have already made a great deal of progress.

14 In our review of the utilities' 2004
15 long-term plans we are using the CEC's 2003
16 Integrated Energy Policy Report, IEPR, that is,
17 results. As the CEC begins its 2005 IEPR cycle,
18 we see further integration of the CPUC's long-term
19 resource planning process and the CEC's IEPR
20 process.

21 As stated in the September 16th assigned
22 Commissioners' ruling, we see the CEC's 2005 IEPR
23 as the initiation of a new integrated statewide
24 resource planning process. And as such, as intend
25 to build on this results in our biennial review of

1 utility long-term plans beginning in 2006.

2 We expect that issues of load
3 forecasting and scenario analysis, as well as
4 resource assessment for all load-serving entities,
5 will be discussed in the CEC's 2005 IEPR process.
6 We plan to rely on the CEC's load forecasting
7 determinations made in the 2005 IEPR process in
8 our review of the IOUs', that's the investor-owned
9 utilities, 2006 long-term resource plans, except
10 as necessary to evaluate any updates or changes
11 that might become available after the conclusion
12 of the IEPR process.

13 Thus, in the ACR of last week, President
14 Peevey directed that all large IOUs provide their
15 load forecasts, resource plans and other planning
16 expertise and information to the CEC in its 2005
17 IEPR process. We also gave notice to the parties
18 interested in issues related to load forecasting
19 and resource assessment to participate in the
20 CEC's 2005 IEPR process to address their views.

21 With that, I hope that the workshops
22 today and tomorrow begin a more efficient and
23 integrated planning process among the agencies
24 with responsibility for insuring a reliable and
25 reasonable cost electric supply for the consumers

1 in our state.

2 Both agencies look forward to active
3 participation of interested parties in our
4 proceedings. Thank you.

5 MR. KENNEDY: Thank you, Stephen.
6 Larry, did you want to make an initial comment?

7 MR. TOBIAS: Yes.

8 MR. KENNEDY: As we go forward, though
9 the microphones aren't amplifying into the room,
10 they are important for the court reporter. So,
11 any comments or questions, I may sort of go around
12 the room with one of these, as necessary, to help
13 facilitate comments.

14 MR. TOBIAS: Yes, I just have a short
15 statement. My name's Lawrence Tobias, ISO Grid
16 Planning. And I'm here today just to let everyone
17 know that the ISO is solidly behind the process
18 here at the CEC to develop a demand side forecast
19 that is useful to the ISO in their transmission
20 planning, in particular.

21 So therefore we support the need and the
22 ability for the CEC to determine and project
23 electric load out to ten years by substation. And
24 that's where you had mentioned, Kevin, about down
25 to the level of detail. This is what's necessary

1 for us in order to model the system and correctly
2 identify transmission reinforcements.

3 And so therefore we stand solidly behind
4 this process which is part of an integrated
5 planning process involving the California ISO, CEC
6 and CPUC. And also to the extent that this is
7 very vital and very important to maintaining a
8 reliable electric transmission system.

9 MR. KENNEDY: Thank you very much. Any
10 comments or questions from the floor at this
11 point?

12 Okay. I guess we can move on to Lynn's
13 presentation at this point.

14 MS. MARSHALL: We've already talked
15 about a couple of the important uses of the demand
16 forecast that will be developed through this
17 process, ISO grid planning, PUC procurement.

18 The other applications that will feed
19 into the energy policy report, one important area
20 we expect to be the analysis of impacts of demand
21 side strategies and specifically you probably
22 heard of the loading order adopted in the Energy
23 Action Plan. So that data and the analysis that
24 we collect through this process will support our
25 analysis and progress on energy efficiency, demand

1 response, distributed generation and renewables.

2 There's generally, the data we're asking
3 for, there's three general purposes. One is for
4 each utility or LSE to document your forecast and
5 the methods and data and assumptions that you used
6 to develop that forecast. It will also be used to
7 fill in our tracking and analysis of demand side
8 strategies. One, I think, recent weakness of our
9 analysis in that area is that it has tended to
10 focus on the IOUs primarily because of a paucity
11 of data on the nonIOU entities. So it will really
12 help to fill in our database to get a better
13 picture of the progress on demand side activities
14 statewide.

15 And then finally, as we talked about,
16 the need for improved disaggregation to support
17 both resource assessment at the LSE level and the
18 ISO grid planning process will be using the
19 submissions by individual LSEs to improve our
20 disaggregation and improve other aspects of our
21 own staff forecast.

22 Next slide. Kevin already talked about
23 how the process is likely to play out. After the
24 demand forecasts are submitted staff will prepare
25 a forecast report comparing our forecast versus

1 the ones that we have received. And then we
2 expect to have a process where -- a hearing where
3 each of the utilities can present their own view
4 of their area forecast. Followed by adoption,
5 both for forecasts that we need to start work on
6 on our energy report analysis, and both the final
7 adopted forecast in the fall.

8 So, in the forms, what are we trying to
9 find out? The expected demand forecast from the
10 LSEs' perspective. What are the price forecasts,
11 the economic and demographic assumptions that are
12 driving that forecast. What were the methods
13 used. What energy efficiency or demand response
14 programs are you assuming in that forecast. And
15 what other what we call uncommitted demand side
16 programs are planned that might affect, that might
17 reduce demand further. And then what are the key
18 uncertainties for each individual load-serving
19 entity.

20 This is -- go to the next one. Okay,
21 the focus in this process is on long-run
22 forecasts. So while we're asking for data
23 inclusive through 2015, and actually we've talked
24 about modifying that to 2016 to fit in better with
25 the procurement process, the first two or three

1 years of that are informational.

2 So we would not be -- the Commission
3 would be adopting a forecast for 2007 forward. So
4 that we would not have a conflict with the short-
5 term forecast developed in the PUC processes.

6 The definition of those of you who have
7 participated in these processes before, you know
8 one of the key thresholds is what's committed and
9 what's uncommitted. For the IOUs we're
10 anticipating a decision approving 2006 to '08
11 program plans. And that would consists of
12 committed. Generally for other entities, it's
13 what have you approved funding for, and you have
14 at least some program plans in place. And those
15 are the demand side impacts that ought to be
16 accounted for in the forecast.

17 And that includes demand response. And
18 we're using the term demand response broadly here
19 to include both traditional interruptible programs
20 and any new price-responsive dynamic tariffs that
21 might be developed in the future.

22 In terms of what's on the demand side
23 and what's a resource, our key characteristic is
24 what is dispatchable, as that has long been the
25 convention. So, only nondispatchable demand

1 response program impacts are accounted for in the
2 forecast.

3 And another aspect we didn't mention in
4 the staff proposal, and we will include in the
5 next version, committed should also include the
6 new 2005 building standards. And staff's -- we're
7 developing our own estimates of those impacts and
8 will provide to parties what are the
9 characteristics of the building standards that
10 we're using in developing our forecast.

11 So I guess we could pause there to see
12 if there's any general questions before we get
13 into the specifics of the individual forms.

14 Kevin has the microphone.

15 MR. ALVAREZ: Manuel Alvarez, Southern
16 California Edison. Lynn, it's clear to me,
17 representing a utility, that I'm an LSE. Do you
18 know who else -- is there a listing of who
19 represents an LSE in the state? Is that
20 available?

21 MS. MARSHALL: Yeah, we have that data.
22 Because -- well, our primary source of data is
23 virtually anybody who sells electricity in
24 California reports data to us.

25 We're using for this process a threshold

1 of if you're over 200 megawatts for the last two
2 years, this is applicable to you. So based on the
3 data we have, we have a pretty good feel for who
4 those entities are.

5 And that actually captures about 98
6 percent, 99 percent of load in California.

7 MR. ALVAREZ: Is that list available to
8 other parties?

9 MS. MARSHALL: I think we can make that
10 available, yeah.

11 MR. ALVAREZ: Okay, thank you.

12 MR. KENNEDY: Anyone else have general
13 questions or comments?

14 DR. VONDER: Tim Vonder, San Diego Gas
15 and Electric Company. Lynn, I guess I've been
16 around for awhile and I can remember the old CFM
17 process that we went through, you know, 1996 and
18 prior to that, the many CFMs.

19 And I'm just taking a look at the slide
20 that you put up that addressed the schedule
21 regarding when the forecasts are to be submitted.
22 And then the meetings for reviewing the forecasts
23 and so forth.

24 And I'm trying to kind of compare that
25 to the way we used to do things to try to see what

1 the changes are going to be and how the new way is
2 going to be.

3 And I'm trying to determine here when
4 the utilities, the LSEs' participation, you know,
5 really ends. And staff's continues. In other
6 words, what I kind of see here is that we would
7 both present our view of what demand in our
8 service territory would be like. And then in the
9 past we would be ordered to make revisions to our
10 forecast by the Committee. Staff would make their
11 revisions and utilities would make their
12 revisions. And then we would come back again and
13 one or the other would be adopted.

14 But it doesn't look like that's the way
15 we're going to go forward this time, from what I
16 see here. Is it? The utilities would make their
17 presentations, and then staff would revise their
18 forecast, and that would basically be the end of
19 the utilities' --

20 MS. MARSHALL: We don't have a firm
21 process laid out, I think, after the point of
22 receipt of the forecasts. So I think that's, to
23 some extent, up to the Committee.

24 Do you have a recommendation?

25 DR. VONDER: Well, I'm just trying to

1 understand what's being proposed here.

2 MS. MARSHALL: Yeah. Kevin, do you want
3 to comment on that?

4 MR. KENNEDY: Yeah. I'll let Mike Jaske
5 take that.

6 DR. JASKE: Mike Jaske, CEC Staff. I
7 think one of the things that is unclear and needs
8 to be clear, and so in the comments that anyone
9 wants to file following this workshop, please make
10 a proposal if you don't want to do so today, is
11 how to deal with uncertainty about load forecast.

12 As the ACR that President Peevey put out
13 last week says, we are attempting to move into a
14 world that addresses that uncertainty and takes
15 that into account in the resource assessment and
16 need determination process.

17 That is a difference from the old days
18 of the electricity reports that the Energy
19 Commission used to conduct where things were
20 focused on a single deterministic view going
21 forward.

22 And so we might, in those old days, have
23 fought about some 2 or 3 percent difference
24 between a utility view and a staff view. That's
25 probably not the most important place to put one's

1 energies. It's more important to sort of know
2 what details of that distribution look like, and
3 what their likelihood is.

4 So, getting a sense of the shape of the
5 range of future load forecast, I think, is one of
6 the things we need to try to make some real
7 progress on in this IEPR cycle. And so how best
8 to actually do that, how to get input from you
9 guys; compare and contrast that with the state
10 and, you know, whoever else wants to voice an
11 opinion about that. It is one of the things that
12 still needs to be fleshed out and evolved.

13 MR. BASS: Good morning, Commissioner.
14 Good morning, Staff. I'd like to thank you very
15 much for providing the opportunity here for some
16 opening comments, and also the opportunity at this
17 workshop to go through the different forms, as my
18 constituency does have some questions that we'd
19 like the opportunity to address.

20 My comments here will be very brief. So
21 that I don't sound like a broken record throughout
22 the next couple of days here, the overriding issue
23 is -- my name is Greg Bass, thank you. My name is
24 Greg Bass and I represent the Alliance for Retail
25 Energy Marketers; ARM is the acronym.

1 And my overriding concern and my group's
2 overriding concern with this is we support
3 absolutely the entire process, and we also support
4 providing the information as is needed for that
5 process.

6 However, one area of concern that we do
7 have relates to the issue of confidentiality. And
8 so if you would, please, take into account as we
9 go through some of these different forms, how the
10 information is going to be reported out.

11 I understand, reading the documentation,
12 that there will be a process for us to be able to
13 provide this information in a confidential manner.
14 Our concern is that anything that is reported out
15 at a granular level as specific, say, as an LSE,
16 may in some way, shape or form compromise
17 confidentiality.

18 And while I want the state to have the
19 information and be able to use it for policy and
20 planning purposes, I certainly don't want the
21 utilities or my other competitors to have that
22 information, too.

23 So, thank you very much.

24 MR. COCKAGNE: My name is Michael
25 Cockagne; I'm Supervisor of Load Forecasting for

1 Los Angeles Department of Water and Power.

2 It's been a long time since 1996 and
3 that was really the last time Los Angeles
4 Department of Water and Power fully participated
5 in the CFM process. A lot has changed since that
6 time.

7 One thing is budgets for load
8 forecasting have changed greatly. And this
9 request that you're making here, and previewing
10 the forms that I saw, there's a lot of information
11 and detail that we're just not budgeted to
12 provide. Our staffing level is really one person,
13 maybe one and a half.

14 In the CFM process before '96 I remember
15 we would have five to seven people participating
16 in these type of models.

17 So I think that at least from a
18 municipal utility perspective some of this
19 information request is far more detailed than
20 we'll be able to deliver.

21 So, in terms of budgeting I guess that's
22 all I want to say. I think that LADWP could
23 deliver a single point deterministic forecast and
24 actually that is our process now that we
25 accomplish. We're comfortable in that process.

1 We were audited by Price Waterhouse Coopers in
2 2001. We found that the forecast process that we
3 use was standard practice pretty much throughout
4 the nation.

5 They did comment that we were under-
6 staffed, and that was more because of
7 sustainability issues and people taking over the
8 forecast. But pretty much they determined that
9 our models were pretty up to date.

10 So to get into a lot of things beyond
11 that, I think, would be unrealistic for our budget
12 level and staffing level at LADWP at this time.

13 MR. SCHULTZ: Frank Schultz, Southern
14 California Edison Company. My question is
15 directed primarily at the different, the current
16 definition that's being used for uncommitted
17 versus committed energy efficiency programs.

18 In the long-term procurement plan that
19 Edison just submitted before the CPUC, the
20 definitions that we were using for committed
21 energy efficiency consisted of PGC-funded
22 programs, period.

23 So the underlying assumption is that all
24 committed energy efficiency that was PGC-funded
25 was considered as committed energy efficiency out

1 through 2014.

2 I'm trying to understand if this
3 definition is different.

4 MS. MARSHALL: Yes. We were using the
5 basis of what are the specific PGC-funded programs
6 that are approved in whatever the current energy
7 efficiency rulemaking is. And actually I thought
8 that was comparable to the definition used by the
9 utilities in their procurement plans.

10 MR. SCHULTZ: In Edison's case it is
11 not. And I would not care to venture to speak for
12 the other utilities.

13 MS. MARSHALL: Okay.

14 MR. SCHULTZ: So I guess it's an issue
15 that would need to be addressed in followup
16 comments, or how would you propose we handle that?

17 MS. MARSHALL: Yeah, you could certainly
18 comment on that.

19 MR. SCHULTZ: Okay.

20 MS. MARSHALL: I think what we've
21 proposed that is a definition that has a lot more
22 certainty than going out to 2013. If you look at
23 the history of energy efficiency funding it's very
24 cyclical.

25 So while the remaining years might be

1 reasonably considered uncommitted, it seems a lot
2 more uncertainty past the 2008 timeframe that's
3 addressed in the efficiency --

4 MR. SCHULTZ: The second I'm --

5 MS. MARSHALL: -- rulemaking process.

6 DR. JASKE: Can I add to that, please.

7 MR. KENNEDY: Sure.

8 DR. JASKE: One of the things that needs
9 to be taken into account is the degree to which
10 the conventions that the Energy Commission wants
11 to have for these long-term forecasts matches that
12 which is in the emerging resource adequacy
13 requirements.

14 There is a significantly tighter set of
15 standards for what's considered committed in those
16 proposed resource adequacy requirements in the
17 proposed decision that's out under review right
18 now than what you are proposing, Frank.

19 You have to have a program design; you
20 have to have, you know, some basis for determining
21 the impacts. So there would be a real challenge,
22 you know, including impacts simply on the basis of
23 funding out that far.

24 MR. SCHULTZ: I just merely wanted to
25 point out that the process was different than what

1 it appears to be in this proceedings.

2 The second item is also fairly generic
3 and overarching. In the long-term procurement
4 plan the utilities were directed to file forecasts
5 for third-party programs as part and parcel of
6 their energy efficiency forecast. I don't see
7 that as a requirement in this proceedings,
8 specifically stated, anyway. It just indicates
9 that the utilities are to forecast the energy
10 efficiency programs that they're running. I see
11 no allocation for a third-party program. I'm just
12 wondering if that's different in this process or
13 we're going to be asked to forecast third-party
14 programs, as well.

15 MS. MARSHALL: I think we clearly need
16 to have data reported on those. To the extent
17 that you're not doing -- I know you would be
18 reporting data that would be collected and
19 analyzed by other people. I think that's an issue
20 we'll have to think about on how to proceed, be --

21 MR. SCHULTZ: Then it is possible that
22 third parties may be responsible for providing
23 their own forecasts?

24 MS. MARSHALL: I think we're probably
25 going to have to require that data be submitted by

1 the UDCs -- by the LSEs. But we'll have to be
2 more explicit about it.

3 MR. SCHULTZ: I think those are the only
4 generic questions I have regarding energy
5 efficiency.

6 MS. MARSHALL: Okay.

7 MR. MUREAU: My name is Ted Mureau; I'm
8 with Southern California Edison. I'd just like to
9 get some clarification from Ms. Marshall.

10 You indicated in your presentation that
11 the years 2005 through 2007 would be provided, but
12 were considered as part of -- the main part of the
13 evaluation of the forecast.

14 But in this slide here you're asking
15 that the forecast be refreshed through load data
16 only. And I wonder, isn't that 2004/2005?

17 MS. MARSHALL: Well, let me clarify.
18 When we talk about refreshing the forecast I don't
19 think we were envisioning another data request.
20 But to the extent that by summer and fall we now
21 know what the previous summer's peak was. We can
22 rerun our models.

23 MR. MUREAU: So then --

24 MS. MARSHALL: That's the update that's
25 envisioned. Not another round of data requests

1 with new forecasts from you.

2 MR. MUREAU: But wouldn't that primarily
3 affect 2005, 2006, 2007?

4 MS. MARSHALL: Possibly.

5 MR. GOEKE: Ken Goeke, Northern
6 California Power Agency. I just had a quick
7 question for you, Lynn.

8 MS. MARSHALL: Yes.

9 MR. GOEKE: Northern California Power
10 Agency, we're a joint power agency with a
11 collection of utilities. Most of the pool members
12 are under 200 megawatts. Are they the load-
13 serving entities you're talking about?

14 MS. MARSHALL: Well, they're certainly
15 load-serving entities, but we've established this
16 200 megawatt threshold. So some of them would be
17 exempt. However, if you're doing a forecast for
18 the whole area, we're certainly not going to
19 object to, if that's how you do your forecast, to
20 receiving --

21 MR. GOEKE: Well, my question is --

22 MS. MARSHALL: But they wouldn't be
23 required.

24 MR. GOEKE: They wouldn't be required to
25 submit any data?

1 MS. MARSHALL: Not in this proceeding.

2 MR. GOEKE: But are you considering NCPA
3 to be a load-serving entity? Because we're not;
4 we're a wholesaler to our members. And then --

5 MS. MARSHALL: No, no.

6 MR. GOEKE: -- those members are all
7 under, except for individuals, I see a couple
8 nonpool members that probably can talk for
9 themselves, --

10 MS. MARSHALL: Yeah.

11 MR. GOEKE: -- but I'm confused. Do you
12 want those for like the City of Biggs, City of
13 Gridley, real small?

14 MS. MARSHALL: Well, some of those are
15 under 200, right?

16 MR. GOEKE: We have 11 of our members
17 are under 200, including Palo Alto the last two
18 years, also.

19 MS. MARSHALL: You know, we're really
20 trying -- we established the over 200, that's what
21 we're asking for and that's what's required. But
22 if you're collectively doing their forecasts, you
23 know, it can be included. But it's not required.

24 MR. GOEKE: Okay. Well, we'd be here to
25 try to support the process as much as possible,

1 but given, you know, we have -- we essentially do
2 a one limited forecast, that's an aggregated
3 forecast which would be your column 3 of 1.3.

4 MS. MARSHALL: Which would be what?

5 MR. GOEKE: Column 3 for form 1.3. Just
6 the energy needed to serve a load by a member.

7 MS. MARSHALL: Okay.

8 MR. GOEKE: Okay.

9 MR. PRETTO: I'm Mike Pretto; I'm with
10 the City of Santa Clara, also known as Silicon
11 Valley Power.

12 As we reviewed the overall scope of what
13 you're asking for we had a similar reaction to the
14 gentleman from LADWP, which is although we are
15 quite comfortable with our resource planning
16 policy and our results, is that there's a large
17 amount of a detail that you're asking for that we
18 simply don't produce.

19 For example, we forecast our aggregate
20 load, but believe it or not, we don't forecast the
21 load by class. We have a very small residential/
22 commercial sector. We're mainly serve large
23 customers. And so an aggregate forecast serves us
24 very well.

25 Similar for coincident peak demands. By

1 class. We don't do that. And we will submit what
2 we have, but what we have is not going to meet all
3 of the -- fill in all of the boxes that you've
4 got. It applies both on the price side and on the
5 demand side.

6 MS. MARSHALL: Yeah. And let me say
7 that when we designed the spreadsheet template
8 that's posted, that's illustrative. And it's
9 using CEC's forecast sectors. We know everybody
10 doesn't use those sector. We know you probably,
11 people use classes; in your case it doesn't make
12 sense to use classes.

13 So, what we're asking for is you provide
14 the classes that you use and document those.
15 Document your drivers. And we know they won't
16 all, in every case, match the specific fields that
17 we put in the spreadsheet template. So it's more
18 looking at the instructions and providing the
19 equivalent data that's consistent with the way you
20 do your forecast.

21 MS. JAFFE: Good morning, I'm Sarah
22 Jaffe with the Natural Resources Defense Council.
23 This is just in reference to the comments made by
24 Silicon Valley Power and LADWP.

25 We're sympathetic towards people's

1 budget constraints and the way that they do
2 forecasting. However, we think it's very
3 important that we have a high level of detail for
4 locale-specific information. And that, most of
5 all, we do not lack detail in areas of energy
6 efficiency, renewable programs, demand response.

7 So we'd like to request that all
8 utilities make sure they give detailed information
9 in those areas.

10 MR. ASLIN: My name is Richard Aslin and
11 I represent Pacific Gas and Electric Company. And
12 the first thing I'd like to say is that we found
13 the 2003 Integrated Energy Policy Report very
14 useful. And the interaction with staff was very
15 helpful all along the way. So for that whole 18-
16 month period of putting that together we learned a
17 lot through the process and hopefully we can
18 recreate that going forward.

19 One thing I did want to mention was that
20 I hope we can keep the focus on the forecasts and
21 not the methodology. Because, as some previous
22 people mentioned, it's been a long time since ER-
23 96. We don't support end-use forecasting modeling
24 anymore. We don't have contracts with EPRI. So
25 we have none of that.

1 So we can't really provide information
2 which would be directly comparable to what your
3 forecasting model uses. But we can certainly get
4 the large categories. And that's probably the
5 most important thing.

6 So I just wanted to make sure it's going
7 to be about forecasting and not about methodology.

8 And other than that, just to say we look
9 forward to the process, and the next workshops,
10 whatever they might be.

11 MR. KENNEDY: Do we have any other
12 general comments? Okay.

13 MR. COCKAGNE: I'm Michael Cockagne from
14 LADWP. I'd like to respond to the comments from
15 NRDC.

16 One thing about these uncertainty and
17 efficiency forecasts with technology change, is
18 that historically we have not done them very well.
19 It's one reason we eliminated them in the
20 forecast.

21 Primary example, electric vehicles. In
22 1995 there was a requirement, I believe, that 5
23 percent of all cars sold in California were going
24 to be EVs by 2003.

25 So I think in our forecast at that time

1 probably 10 percent of our load was EVs; it was
2 3000 out of a total of 27,000. We shift back here
3 ten years later, we find we don't even measure EV
4 load in LADWP's service territory. It's just a
5 waste to us. Most common form of EV now is the
6 hybrid.

7 So that was a technology that we could
8 not even see going forward. So, if you put a lot
9 of effort into measuring technologies, I think
10 there's a history that we have not done that very
11 well.

12 Another example was demand server farms.
13 We have 300 megawatts of load peak, you know, that
14 was like in 1998 that we believed that L.A. was
15 going to be a nexus of telecommunications. We
16 were to put in 90 percent load growth server
17 farms. We grew our peak demand by 300. And, you
18 know, with the intercom bust that disappeared.

19 On the energy efficiency side, I think a
20 lot of times there's externalities in the type of
21 things that happen in energy efficiency that throw
22 off our forecast. A person may put in a new,
23 improved energy efficiency chiller, but at the
24 same time when they remodel that building, they're
25 going to make a lot of other changes to that

1 remodel, that building. Probably put in bigger
2 types of equipment and appliances. So you really
3 don't see the kinds of demand response energy
4 efficiency that you might expect in the forecast.

5 My firm belief, with 15 years in load
6 forecasting, is that forecasting technology change
7 adds as much error to the forecast as it adds
8 insights. And I think at DWP I think we're
9 comfortable in the fixed determined type
10 forecasts.

11 One thing that happens at LADWP is that
12 we do forecasting every year. So, if there's a
13 major change going on in our environment, we're
14 going to catch it because there's a lot of inertia
15 in electricity growth. So, we're comfortable with
16 the fact that things are not going to change so
17 fast in our forecast that we cannot pick it up,
18 because we do our process fairly frequently, at
19 least on a yearly basis. And we actually do a
20 semi-annual review before the summer seasons.

21 I think with the frequency with which we
22 forecast that really solves the problem of trying
23 to forecast technology change, which we haven't
24 done so well in the past.

25 If I was only going to forecast every

1 five years, I would say yes, do your scenario
2 evaluations. But I believe it's not that useful
3 to our local LSE.

4 MS. JAFFE: A very quick comment to
5 that. It's part of the state's energy goals to
6 use energy efficiency as a cost effective and
7 reliable energy service. And the investor-owned
8 utilities already are using energy efficiency as,
9 you know, a real resource.

10 So I think in order for the state to be
11 able to assess how that resource is being used, it
12 is, in fact, vital that people are including that
13 in their load forecasts.

14 MS. MARSHALL: Okay.

15 MR. KENNEDY: Don't see anyone else
16 coming up for general comment. I think we will go
17 ahead and march into the forms, themselves.

18 MS. MARSHALL: Okay.

19 MR. KENNEDY: Quick question. Has
20 everyone seen the sign-up sheet at this point?

21 MS. MARSHALL: It's way in the back.

22 MR. KENNEDY: If anyone who hasn't
23 signed in yet could raise their hand, we'll get
24 that. And then we can get the pad back up to the
25 front, Stephen St. Marie actually lent us his pad

1 to do this.

2 (Pause.)

3 MR. KENNEDY: While that's making its
4 way back to the front, we'll go ahead and march
5 into the forms.

6 MS. MARSHALL: Okay, so I'll talk about,
7 go through form 1 briefly, and if you have
8 specific questions about form 1, which is most of
9 the actual demand forecast data, we can cover
10 those.

11 So, starting with the first one, retail
12 sales by sector. Whenever we're using the term
13 sector here we mean whatever categories you use to
14 forecast load. As long as you define them for us
15 so we know what's included, that's what we want
16 you to report to us. Not try and make up data to
17 fit our forecast categories.

18 The first form is sales for at the LSE
19 level. And if we have ESPs who sell in different
20 distribution areas they need to report those
21 separately.

22 So we have generally a number of forms
23 that are for all LSEs and some that are only for
24 the distribution companies. So then on form 1.2
25 you're adding, if you're a UDC you're adding to

1 your bundled sales, you're adding resale, direct
2 access, whatever categories of departed load you
3 have.

4 And then on form 1.3 we're simply adding
5 losses to energy. So only the UDCs are being
6 asked to report energy losses.

7 On 1.4 we're going back to the sector of
8 more detailed level categories. And we are
9 asking, to the extent that you have these data,
10 and some people may not have it, peak demand, both
11 weather-sensitive and nonweather-sensitive. And
12 that's something we really hope to be able to
13 improve our modeling of weather-sensitive peak
14 load. And then we're adding losses to bundled
15 load.

16 Okay, go to the next one. Form 1.5
17 we're moving up from LSE level to the UDC, again
18 adding direct access and whatever varieties of
19 departed load you have to get the distribution
20 area coincident peak. And that's the utility's
21 coincident peak, not coincident to the ISO. It's
22 your own coincident peak. And adding all losses
23 at that level.

24 And then form 1.6 we're asking for
25 hourly loads, all 8760 from '03 to '015. And

1 we're asking for losses to reported separately,
2 bundled and unbundled. There's a spreadsheet
3 template in there, but really whatever data format
4 you can submit that, that you're accustomed to
5 submitting that in will be fine.

6 That is needed. It's not something we
7 used to ask for, but increasingly all analyses are
8 being done at the hourly level, so.

9 That's okay, yeah.

10 MR. WATROS: My name's Lowell Watros,
11 City of Redding Electric. On the hourly loads,
12 back in the 1990s we did run hourly load forecasts
13 out many years, but we no longer do that.

14 MS. MARSHALL: Okay.

15 MR. WATROS: That was in support of
16 production cost modeling.

17 MS. MARSHALL: Um-hum.

18 MR. WATROS: And so we do provide load
19 forecasting out into that time period by month,
20 peak and energy demand. But we do not currently
21 do that.

22 MS. MARSHALL: Yeah, forecast hourly.
23 Yeah, historic hourly loads --

24 MR. WATROS: We do have historical. We
25 can provide that.

1 MS. MARSHALL: I would say provide what
2 you can.

3 MR. WATROS: Yeah, we can provide that.

4 MS. MARSHALL: You're pretty close to
5 the 200 megawatt threshold, aren't you?

6 MR. WATROS: Right. Yeah, just a little
7 over --

8 MS. MARSHALL: So, yeah, I think
9 generally if we're asking for something that's
10 just completely inconsistent with the way your
11 business does their forecasts, you can't provide
12 it.

13 MR. WATROS: Okay, that's the
14 clarification I was looking for. Thank you.

15 MS. MARSHALL: Yeah.

16 MR. MUREAU: Ted Mureau again from
17 Southern California Edison. I have a couple of
18 questions on the forms.

19 First, on the hourly data, there will be
20 some issues on confidentiality, and I'm assuming
21 that we'll talk about that later on in the
22 meeting?

23 MS. MARSHALL: We can come back to that,
24 yeah.

25 MR. MUREAU: Okay. Again, on hourly

1 loads, is that at ISO or at gen?

2 MS. MARSHALL: At generation. I think
3 that was the convention that's been proposed in
4 the resource adequacy, right?

5 MR. MUREAU: Sometimes --

6 MS. MARSHALL: We should clarify that,
7 but we are trying to stick with the same protocols
8 that are being developed. But I will clarify
9 that --

10 MR. MUREAU: Because a lot of work is
11 done at ISO as opposed to a gen --

12 MS. MARSHALL: Okay, we'll --

13 MR. MUREAU: -- settlement data is at
14 ISO and costs are done at ISO.

15 MS. MARSHALL: Okay, well, we need to --

16 MR. MUREAU: -- at ISO.

17 MS. MARSHALL: -- specify that. Okay.

18 MR. MUREAU: I interpreted your remarks
19 on filling out the forms that the Commission's
20 going to be fairly accommodative as to the LSEs
21 forecasting reporting. Is my interpretation
22 correct?

23 MS. MARSHALL: Well, yeah, especially in
24 terms of things like what drivers you use and what
25 customer classes you're using. We don't want

1 made-up data. We want to see how you do your
2 forecast.

3 So it is, as Rick was saying, focused on
4 the forecast and not methodology. We are not
5 dictating a methodology. We know most people
6 don't do end-use forecasting anymore. So there is
7 a lot of flexibility in that respect.

8 MR. MUREAU: So I can interpret that
9 last remark as an answer to Mr. Aslin that you are
10 not going to try and impose end-use forecasting?

11 MS. MARSHALL: We are not trying to
12 impose end-use forecasting on this.

13 MR. MUREAU: Thank you. Then one last
14 question. On your forms you indicate you're
15 requesting sales data.

16 MS. MARSHALL: Yes.

17 MR. MUREAU: But on page 1 at the bottom
18 of the page you ask for consumption data. I'm
19 assuming that the forms are correct --

20 MS. MARSHALL: Yeah, the forms are
21 correct. Because we know form 1 used to be
22 consumption, but we decided to set aside the self-
23 gen, distributed gen separately. So, yes.

24 MR. MUREAU: Okay, thank you.

25 MS. MARSHALL: Any other? Get past

1 hourly loads. So, yeah, then the next, on the
2 next form we do have what we call private supply
3 and that includes self gen, customer side of the
4 meter distributed gen, wheeling. And we're asking
5 for both annual energy use and coincident peak,
6 not capacity, not interconnected.

7 So in that scenario we're particularly
8 interested in how the UDCs are doing their
9 forecast and what assumptions you're making about
10 how customers use their distributed gen or what-
11 have-you.

12 So, finally, and 1.8, this is weather
13 sensitivities. On the previous peak demand we're
14 asking, you know, the convention is average, or
15 expected weather -- peak demand under expected
16 weather conditions.

17 So what we're asking for on form 1.8 is
18 your weather sensitivities under hotter than
19 average weather conditions. We've asked for -- we
20 use the nomenclature 1 and 2; that just means
21 demand under temperature conditions with a 50
22 percent probability of occurring. So 5, 10 and 20
23 are, you know, parallel percentages.

24 Does anyone have any questions on that
25 one?

1 MR. ALVAREZ: Manuel Alvarez, Southern
2 California Edison. I guess I'm trying to
3 understand what it is you want from the UDCs on
4 the private supply. A lot of the operational data
5 information in terms of how they use a self
6 generation component is not available to us.
7 That's to the generator or the customer, itself.

8 MS. MARSHALL: Well, we're asking --

9 MR. ALVAREZ: There's no --

10 MS. MARSHALL: -- for your forecast of
11 distributed gen, all right. And I think to
12 forecast the load you need to meet you've got to
13 make some kind of forecast about how much is going
14 to be met by private supply.

15 So to do that forecast you have to make
16 some assumptions. We're not asking for data you
17 don't have, but what data do you use. Not
18 explicitly on this form. Here we're just asking
19 for your forecast.

20 MR. ALVAREZ: Right, see, --

21 MS. MARSHALL: -- documentation. We do
22 want the data that you used to make that forecast,
23 and what assumptions did you make --

24 MR. ALVAREZ: Yeah, that primary source
25 of data --

1 MS. MARSHALL: -- about how --

2 MR. ALVAREZ: -- comes from the rule 21
3 proceeding --

4 MS. MARSHALL: Yeah.

5 MR. ALVAREZ: -- where the --

6 MS. MARSHALL: Sure.

7 MR. ALVAREZ: -- generators, the
8 customers, themselves, are submitting information
9 to us.

10 MS. MARSHALL: Yeah.

11 MR. ALVAREZ: But there is no
12 operational --

13 MS. MARSHALL: Right, and --

14 MR. ALVAREZ: -- data in that form.

15 MS. MARSHALL: -- and so what -- so you
16 have to make some assumptions. So what we want to
17 know in the documentation is what did you assume.
18 How did you develop the assumptions that you used
19 to make your forecast.

20 MR. ALVAREZ: Right. And I guess what
21 I'm telling you is we currently don't make that
22 forecast.

23 MS. MARSHALL: You don't do --

24 MR. ALVAREZ: That forecast isn't made.

25 We know what the load is on the customer

1 currently, but --

2 MS. MARSHALL: Yeah.

3 MR. ALVAREZ: -- in terms of where the
4 self generator goes in, how that operation
5 characteristic --

6 MS. MARSHALL: Yeah.

7 MR. ALVAREZ: -- is profiled is a
8 customer decision. And that information doesn't
9 transfer from the customer to the UDCs.

10 MS. MARSHALL: So you don't do a
11 forecast of --

12 MR. ALVAREZ: Of penetration of self
13 generation, in other words, of DG growth. So,
14 anyway, --

15 MS. MARSHALL: Okay.

16 MR. ALVAREZ: -- it's something we'll
17 look at.

18 MS. MARSHALL: Okay, so we'll go down --

19 MR. KENNEDY: Just one more --

20 MS. MARSHALL: Okay.

21 MR. ASLIN: It's Richard Aslin again
22 from Pacific Gas and Electric Company. And I did
23 have a question on private supply, not with
24 respect to the forecast, because that's just a
25 generalized guess about some future period.

1 But was there some expectation that we
2 would be providing historical data on private
3 supply? Because that's where we would have a
4 major gap.

5 MS. MARSHALL: Right. To the extent
6 that you have data that you're using for the
7 forecast, that can be included as part. But if
8 you don't have the data and you didn't use it in
9 your forecast, then obviously you can't provide
10 that.

11 MR. ASLIN: Okay. All right.

12 MS. MARSHALL: We know there's not, you
13 know, going back historically there is not good
14 data on private supply. So we're all in the same
15 boat there.

16 MR. BASS: Good afternoon; Greg Bass
17 with ARM. My first question has to do with the
18 200 megawatts. I didn't do any homework into
19 this, but could you provide some insight as to how
20 the CEC came to 200 megawatts being kind of the
21 break point for reporting or not reporting? And
22 was there any consideration given, say, to -- or
23 is that even -- will there be an opportunity to
24 comment on that 200 megawatt limit?

25 MS. MARSHALL: I think you can certainly

1 comment on it. In our existing regulations the
2 200 -- it explicitly says that entities below 200
3 megawatts may request that they submit reduced set
4 of forms, or submit a smaller data request.

5 So, rather than requesting this data
6 from everyone and then having to get all the opt-
7 out requests from the below 200, we simply said,
8 okay, for this proceeding we're just going to
9 automatically exempt everyone below 200.

10 So, it was based on something in our
11 existing regulations.

12 MR. BASS: Okay. My next series of
13 questions have to do with forms 1.1 through 1.8.

14 MS. MARSHALL: Okay.

15 MR. BASS: On form 1.1, currently we're
16 reporting out in form CEC-1306 by NAICS code.

17 MS. MARSHALL: Um-hum.

18 MR. BASS: And I was wondering, would
19 there be consideration made to revising this form
20 so that it is in line with the, I used to call
21 them SIC codes, with the SIC codes? Or is there
22 already, for example, a relationship between the
23 NAIC code and street lighting and water pumping
24 and those sorts of things?

25 MS. MARSHALL: We have a map. We still

1 only have consumption data and SIC codes, and we
2 have a translation available. So I think that's -
3 - you can report it either way. But as I said,
4 we're asking for the LSEs to report their forecast
5 groups. Whichever way you're defining it, just
6 please document that so we know what we're looking
7 at.

8 MR. BASS: Okay.

9 MS. MARSHALL: Whether it's SIC-based or
10 NAICS-based.

11 MR. BASS: Okay.

12 MS. MARSHALL: I think in the appendix
13 we have a table with SIC and NAICS groups.

14 MR. BASS: Okay. So, for example, down
15 the road if we reported form 1.1 using SIC codes,
16 then that would meet your needs?

17 MS. MARSHALL: Sure, yes.

18 MR. BASS: Okay, good. That's what I
19 thought I heard.

20 MS. MARSHALL: Yeah.

21 MR. BASS: Okay. On form 1.4, the
22 coincident peak, will you be providing that?

23 MS. MARSHALL: Well, as I said, that's
24 the LSE's coincident peak in terms of coincident
25 among all your customer classes. It's not --

1 we're not asking you to tell us what your
2 coincident peak is at the time of the ISO or the
3 statewide. We get hourly loads and we can do that
4 analyses ourselves.

5 MR. BASS: Okay, thanks.

6 MS. MARSHALL: Okay.

7 MR. BASS: On form 1.6, which was the
8 hourly loads, there is reference to forecasted
9 period. I don't see that here. I don't see the
10 relationship between my question and this form.
11 What --

12 MS. MARSHALL: I think it's --

13 MR. BASS: What date range were you
14 expecting of us?

15 MS. MARSHALL: I think, yeah, it doesn't
16 say explicitly in the text, does it. And I think
17 what we were proposing is '03 to 2015, so that we
18 have historical basis.

19 MR. BASS: Okay. Thank you very much.

20 MS. MARSHALL: All right. Anything else
21 on form 1? Okay.

22 So, form 2, this is just documentation
23 of the assumptions and the drivers that you use
24 for your forecast. So again we've put certain
25 fields in the forms. You may not use all of them;

1 you may use some that aren't there. That's what
2 we want reported to us.

3 So we divided this up into forms 2.1 and
4 2.2 are the more detailed for the utility
5 distribution companies. And we use the convention
6 of having state or national drivers on the first
7 form, and your service area drivers on the second
8 form, 2.2.

9 The next two forms are for all load-
10 serving entities, 2.3 and 2.4. 2.3 is the
11 electricity price forecast you've used for your
12 forecast. And natural gas, if it's used. I don't
13 know -- not doing end-use forecasting, you may not
14 use that.

15 And then 2.4 is likely what is customer
16 counts and any other drivers. So ESPs that didn't
17 have to report 2.1 or 2.2, any other drivers
18 you're using for economic indicators would be
19 reported on 2.4.

20 All of the data sources and assumptions
21 used to develop these would be reported in the
22 methodology report that will be talked about on
23 form 4. So that's pretty straightforward. Any
24 questions on that? Okay.

25 MR. PRETTO: Mike Pretto, Silicon Valley

1 Power. When we do our load forecasting, you talk
2 about other drivers, frequently when we do it
3 we'll have some of our large customers will
4 provide us information that is very important in
5 terms of what their plans are.

6 And those are the kinds of information
7 we really -- we'll use the information in the
8 forecast, but we don't want to disclose it,
9 certainly not in any way. Because they're
10 concerned for competitive reasons that whether or
11 not their electrical planning plans somehow reach
12 the public sector, the public.

13 MS. MARSHALL: Yeah.

14 MR. PRETTO: So, I would want you to be
15 careful, and you know, if we give you the
16 information be very careful on how you use it.

17 MS. MARSHALL: Right, and I think --

18 MR. PRETTO: Where to use it.

19 MS. MARSHALL: -- at some point here we
20 need to talk about our confidentiality process.
21 Okay, we'll come back and talk about that.

22 Anything else on form 2?

23 MR. ALVAREZ: Manuel Alvarez, Southern
24 California Edison. I guess this is just a
25 clarification on these particular forms. And if

1 information for these forms is submitted to other
2 agencies or other organizations, will that satisfy
3 you?

4 MS. MARSHALL: Oh, if you have
5 equivalent data that's been submitted to FERC or
6 something?

7 MR. ALVAREZ: Right.

8 MS. MARSHALL: Yeah, that's fine. If
9 you have, you know, substantively the same data,
10 and it's not in this precise layout, that's fine.

11 MR. ALVAREZ: Okay. And on some of the
12 economic drivers, if we provide you just reference
13 sources in terms of where the data comes from? Or
14 do you actually want us to fill the forms out?

15 MS. MARSHALL: We may not have access.
16 You know, some economic forecasts are proprietary.
17 So we do need the key drivers; we do need you to
18 document those.

19 MR. ALVAREZ: Okay, but anything that's
20 publicly --

21 MS. MARSHALL: Provide the data.

22 MR. ALVAREZ: -- available we could just
23 reference those sources to you or not?

24 MS. MARSHALL: Well, if you could just
25 provide a copy. If it's a FERC form you could

1 just send us the FERC form, yes.

2 MR. ALVAREZ: Or state gross product
3 figure?

4 MS. MARSHALL: Well, you know, if you're
5 talking about a forecast people have different
6 forecasts of GSP. So we need to know if that's
7 the basis of how you answer why our forecasts are
8 different is comparing the drivers that you use
9 versus what we have.

10 MR. ALVAREZ: Okay. But I guess the
11 general statement is that if it's available from
12 other sources, other agencies, that will satisfy
13 your requirements to the extent --

14 MS. MARSHALL: Yeah, you know, give us a
15 copy of it. If it's not in this precise data
16 layout, that's okay, as long as we get the
17 equivalent data.

18 MR. ALVAREZ: Thank you.

19 MS. MARSHALL: Okay.

20 MR. BASS: Greg Bass with ARM. On form
21 2.3 the assumption is that part B is not required
22 if you're not a gas supplier?

23 MS. MARSHALL: Well, if you don't use
24 it, you know, at the Energy Commission in our
25 models we use both electric and gas as part of our

1 forecast. If you don't use a gas, end-use gas
2 demand forecasts, then you obviously don't have
3 one to provide. So that's not required. If you
4 use one, you can provide it.

5 MR. BASS: And then I think this
6 question is somewhat along the same lines as has
7 been asked previously. In form 1306, which is
8 price per kilowatt hour by customer class that we
9 provide to the CEC, is this form 2.3 not
10 essentially the same information?

11 MS. MARSHALL: It might be if you're
12 providing a forecast by those classes. But if
13 some ESPs use different customer classes, then
14 they need to provide the data, the price forecast
15 they use for the classes, for their own classes.
16 Might be the same; might be different.

17 MR. BASS: Okay. Form 2.4, and you'll
18 forgive me here, I have kind of a string of
19 questions here. On the customer count, so then
20 it's not expected that the UDCs will be providing
21 a customer account of what they expect?

22 MS. MARSHALL: Yeah, they are, because
23 2.3 and .4 are all LSEs. So the UDCs are
24 submitting both 2.1 and .2 and 2.4.

25 MR. BASS: Right, but they will --

1 MS. MARSHALL: Because we didn't ask --

2 MR. BASS: -- specifically exclude then
3 direct access customers from their customer
4 accounts?

5 MS. MARSHALL: Well, we're asking them
6 for both bundled and unbundled loads, so I think
7 probably we need to make sure that we're asking --
8 that issue is clarified and they're reporting --

9 MR. BASS: Okay, so --

10 MS. MARSHALL: -- bundled and --

11 MR. BASS: Okay.

12 MS. MARSHALL: -- distinctly, so.

13 MR. BASS: What do you consider a
14 customer? I guess -- I have about five questions
15 here, but they all roll up to what is the
16 definition of a customer.

17 MS. MARSHALL: I think there's obviously
18 different definitions. What's probably more
19 important is that you define what you're
20 reporting. It might be number of meters. If it's
21 number of meters and not, you know, aggregated to
22 a site, we need to know that. So it's just
23 important that you define what it is you're
24 reporting.

25 MR. BASS: Okay. I believe the

1 utilities report to the CEC customer counts by
2 only three categories, residential, small
3 commercial and other. And this breaks it out into
4 kind of, well, I think two other classes. What is
5 it, one, two, three, four, five, yeah, two other
6 classes.

7 And I was wondering do you want to
8 change this form so it fits more with what the
9 utilities are reporting our customer counts are to
10 the PUC? Here's our concern, is that the
11 utilities are reporting our customer counts to the
12 PUC saying here are the three classes,
13 residential, small commercial and other.

14 And then here we'll be reporting using
15 our own definition of customer, breaking it into
16 multiple --

17 MS. MARSHALL: Well, that's okay,
18 because the purpose of this documentation is what
19 is being assumed in your forecast.

20 MR. BASS: Okay.

21 MS. MARSHALL: So, you know, we already
22 have access, we know what you're reporting to the
23 utilities and what the utilities are reporting to
24 us in some terms of number of accounts. But on a
25 forecast basis what we want to know is what you

1 assumed. So it ought to be consistent with the
2 way you're doing your forecast.

3 DR. JASKE: Well, as a clarification, I
4 think the information that the IOUs provide the
5 PUC (inaudible) as customers has segregation into
6 about five or six different categories, not three.

7 MS. MARSHALL: Yeah.

8 DR. JASKE: Residential, certain kinds
9 of --

10 MS. MARSHALL: Mike, you're not on --

11 DR. JASKE: -- industrial --

12 MR. KENNEDY: Microphone.

13 DR. JASKE: Certain kinds of commercial
14 and industrial based on size. So I'm recalling
15 the table, it's laid out this way. There must be
16 five or six different columns at least.

17 MS. MARSHALL: Um-hum.

18 MR. BASS: Based on some previous
19 answers you've given me, I think I can answer the
20 last of the questions here. Thank you.

21 MS. MARSHALL: Okay.

22 MR. KENNEDY: Moving on to form 3.

23 MS. MARSHALL: Okay. Form 3 and form 5,
24 which is the documentation for form 3. This
25 covers all the various demand side programs.

1 We've broken these out. Basically we're asking
2 for cost information and peak and energy impacts.
3 And we've got first year energy efficiency
4 impacts; the cumulative impacts over time.

5 Then 3.3 is any renewable or distributed
6 generation impacts. And then finally, demand
7 response programs. We are asking that, even
8 though -- to include both dispatchable and
9 nondispatchable, even though the nondispatchable,
10 the dispatchable would not be included in the
11 forecast. We'd like that all reported here.

12 So then we're asking for the methodology
13 and the data sources for all of this to be
14 documented on form 5. And to the extent that you
15 have existing reports from consultants that you
16 want to provide, that's fine.

17 And note, you would be submitting this
18 twice. We proposed two due dates, so that the
19 uncommitted data could be submitted later than the
20 committed data that's reflected in the forecast.

21 MR. SCHULTZ: I'll try and ask as few
22 questions as possible. Frank Schultz, Southern
23 California Edison Company.

24 I have three primary questions. One, in
25 the sales forecast it's indicated that they are

1 being requested to submit load impacts and 8760
2 load shapes.

3 MS. MARSHALL: Um-hum.

4 MR. SCHULTZ: Are you requesting 8760
5 load shapes for the energy efficiency impacts, as
6 well?

7 MS. MARSHALL: Not separately, but we'd
8 like them, the committed reflected in your 8760
9 forecast. So they would be accounted for on the
10 committed. But, no, we have not asked for --

11 MR. SCHULTZ: The second question has to
12 do with the categories. I understand there's some
13 flexibility in the types of categories under which
14 these program impacts can be submitted. How
15 flexible is that?

16 MS. MARSHALL: Yes.

17 MR. SCHULTZ: And I'll tell you why. For
18 the long-term procurement plan Edison submitted
19 its forecast energy efficiency impacts in market
20 segments. We didn't do an end-use forecast.

21 MS. MARSHALL: Um-hum.

22 MR. SCHULTZ: So we have residential
23 retrofit, commercial and industrial retrofit as
24 our forecasting categories. We do not have
25 specific program categories as indicated in your

1 outline.

2 MS. MARSHALL: I thought we were using
3 the PUC-required categories in here.

4 MR. SCHULTZ: You're using the PUC
5 funding categories.

6 MS. MARSHALL: Oh, okay. But you report
7 them by sector? I think that's sufficient.
8 Residential, commercial --

9 MR. SCHULTZ: The way those energy model
10 functions it forecasts market segments. It does
11 not --

12 MS. MARSHALL: Oh, okay.

13 MR. SCHULTZ: -- forecast specific
14 programs.

15 MS. MARSHALL: Oh, okay. I think
16 reporting it that way works.

17 MR. SCHULTZ: So market --

18 MS. MARSHALL: It's certainly -- yeah.

19 MR. SCHULTZ: Okay. Second item is a
20 minor issue; once again, the forms don't seem to
21 speak to low income energy efficiency programs,
22 although they do have a resource impact.

23 MS. MARSHALL: Yeah.

24 MR. SCHULTZ: Is that to be included, as
25 well?

1 MS. MARSHALL: Yeah, I think that's an
2 oversight that we didn't explicitly mention that.

3 MR. SCHULTZ: Is there any problem
4 with -- I hope there's no problem in submitting
5 committed energy efficiency impacts in different
6 categories as the forecasted energy efficiency
7 impacts. Or do they need to be aligned?

8 MS. MARSHALL: I don't -- explain?

9 MR. SCHULTZ: The explanation is is that
10 the categories that you currently are using, or
11 have listed in the outline are for funding --
12 funded the way the --

13 MS. MARSHALL: Yeah, right.

14 MR. SCHULTZ: -- programs are currently
15 funded. Do you want those -- so we can easily use
16 those for the committed program impacts. But not
17 for the forecast --

18 MS. MARSHALL: Oh, I see, you know, I
19 think it's preferable to report them consistently
20 by the --

21 MR. SCHULTZ: So you'd like the --

22 MS. MARSHALL: -- by the --

23 MR. SCHULTZ: -- one way or the other?

24 MS. MARSHALL: Yeah, have committed and
25 uncommitted reported consistently. And I think

1 the market segments from this energy model are
2 certainly -- we certainly can work with if those
3 are the segments you're using.

4 MR. SCHULTZ: Okay, thank you.

5 MS. MARSHALL: Okay.

6 MS. JAFFE: Hi, Sarah Jaffe with NRDC.

7 We had a few additional pieces of information that
8 we thought would be helpful to collect here that
9 might help the Commission when they're doing their
10 report on the environmental impact of these
11 programs.

12 We felt it was important to know the
13 source of the funding for energy efficiency and
14 renewable programs. So whether that's just coming
15 from the state mandated public goods charge, or
16 whether there's procurement dollars being placed
17 in this program.

18 Secondly, we'd like to see a definition
19 of renewables so that there's no confusion about
20 what exactly is a renewable resource. And we
21 think it would be helpful if utilities reported
22 whether it was utility-scale renewable resources
23 versus customer side of the meter.

24 We also felt that distributed generation
25 should be split into probably two categories,

1 either renewable and nonrenewable DG, or split
2 along the lines of ultraclean low emission, as
3 defined by the state.

4 This is because some distributed
5 generation is, in fact, very polluting, while
6 other is very clean. So that would help you with
7 your analysis of the environmental impact of DG.

8 And a similar argument also about demand
9 response programs, whether or not they're using
10 backup generation in those demand response
11 programs. Because, of course, some backup
12 generation is extremely polluting.

13 MS. MARSHALL: Okay. I might add, Kevin
14 mentioned at the beginning is that we're also
15 having an environmental data collection. So we'll
16 have to look at what the precise --

17 MS. JAFFE: Yeah, we just --

18 MS. MARSHALL: -- forum for --

19 MS. JAFFE: -- weren't sure what you
20 were going --

21 MS. MARSHALL: -- collecting on that
22 data.

23 MS. JAFFE: -- to be asking for. And we
24 felt since you were already asking this
25 information on these forms, that perhaps it would

1 be easy to just include that with that.

2 MS. MARSHALL: Although, you know, in
3 defining renewables we would only -- and our
4 distributed gen is only customer side of the
5 meter. So if you wanted to get a comprehensive
6 view, there might be a better -- to ask for that
7 data elsewhere. But we'll certainly look into
8 that.

9 MS. JAFFE: Thank you.

10 MR. SCHULTZ: Sorry, Frank Schultz,
11 Edison. Just one quick question. It's my
12 understanding that one of the primary purposes of
13 this is to -- I don't know if it's a primary
14 purpose or not -- but what the utilities are
15 expected to do is take the forecast that they
16 developed for the long-term procurement plans, and
17 realign them with the CEC's forecasting
18 requirements.

19 Is that a correct statement? Or are we
20 being asked to develop new forecasts for this
21 process?

22 MS. MARSHALL: No. This would be your
23 new forecast next year, you know, you're going
24 into next January. The last procurement
25 proceeding is over. Now you're developing a new

1 forecast and bringing that to the table for
2 comparison to staff's forecast. And then we have
3 a process to decide, do they agree, do we have
4 issues.

5 And then that feeds into the next
6 procurement proceeding. So we are not asking for
7 results from the last procurement.

8 MR. SCHULTZ: So this is not a follow on
9 and a repackaging of the forecast we've already
10 developed? This is a new set of forecasts that
11 will be the precursor to the next long-term
12 procurement plan?

13 MS. MARSHALL: Right.

14 MR. SCHULTZ: That's a different level
15 of effort.

16 (Laughter.)

17 MR. SCHULTZ: Okay.

18 DR. JASKE: That's a very important
19 distinction --

20 MR. SCHULTZ: Yes.

21 DR. JASKE: -- which I think the ruling
22 that President Peevey put out attempts to describe
23 what's going on between the proceedings of the
24 three entities, the Energy Commission, the PUC and
25 the ISO, with sort of the 2005 IEPR being the

1 launch to this new cycle.

2 So conformance, load forecasts are
3 submitted into the 2005 IEPR should not be viewed
4 as being in conformance with 2004 procurement.

5 MR. SCHULTZ: Thank you very much; that
6 was a very valuable question on my part.

7 MS. MARSHALL: Okay.

8 DR. JASKE: I actually have a question
9 about form 3.4, which is demand response. The
10 form, itself, has energy as one of the attributes
11 of the programs. And obviously some --

12 MS. MARSHALL: That's probably --

13 DR. JASKE: -- some demand response
14 might actually save energy and some shift energy.
15 What kind of guidance would you give about how to
16 report energy for demand response programs?

17 MS. MARSHALL: Good question. I don't
18 know to what extent; I think it will only be
19 specific programs that might have really
20 significant energy effects. In particular, if you
21 have nondispatchable programs, dynamic pricing
22 might have more --

23 MR. SCHULTZ: I'm not ready to address
24 the individual dispatchable programs at this
25 particular point in time. There's a lot of

1 studies that are currently in process (inaudible).

2 DR. JASKE: Well, I think we'll have to
3 clarify what it is we're looking for --

4 MS. MARSHALL: Right.

5 DR. JASKE: -- in the final version.

6 MS. MARSHALL: Okay.

7 MR. BASS: Greg Bass with ARM.

8 MS. MARSHALL: Oh, okay.

9 MR. BASS: Last, but not least. I'm
10 going to show my ignorance here. On all the
11 forms, form 3.1 through 3.4, there is a column
12 entitled megawatt/gigawatt hour mmBtu and then
13 2003 dollars.

14 MS. MARSHALL: Yeah.

15 MR. BASS: Under the row, I guess it
16 would be megawatt, is that to be the megawatt
17 savings forecasted?

18 MS. MARSHALL: Right, that would be your
19 peak savings impact.

20 MR. BASS: Okay. Peak savings.

21 MS. MARSHALL: Yeah, your coincident
22 peak.

23 MR. BASS: And then gigawatt hour would
24 then be obviously the energy associated with
25 that --

1 MS. MARSHALL: Annual energy.

2 MR. BASS: -- with that peak? Okay.

3 And then 2003 dollars. Is that the savings that's
4 estimated?

5 MS. MARSHALL: No, that's the program
6 cost.

7 MR. BASS: Okay. So then -- okay. So
8 then for my constituency, then, these would
9 necessarily, of course, then get rolled up into
10 our forecasts, these savings. The megawatt and
11 the megawatt hour savings.

12 MS. MARSHALL: To the extent they're
13 committed. These should be the programs that you
14 accounted for in some fashion in your forecast.

15 MR. BASS: Okay.

16 MS. MARSHALL: Uncommitted would not
17 be.

18 MR. BASS: Okay. And then how would my
19 group define a program cost? Is it even relevant?

20 MS. MARSHALL: It may not be.

21 MR. BASS: Okay.

22 MS. MARSHALL: Yeah, so, okay.

23 MR. BASS: Because it wouldn't be
24 associated with any state funds or ratepayer
25 funds.

1 MS. MARSHALL: I don't know, would --
2 well, you know, if you're not -- if your members
3 aren't running programs I don't know that they
4 have costs. I think this gets into the
5 disaggregation of the utility area.

6 MR. BASS: We don't necessarily run
7 programs, but we do have demand side projects that
8 are --

9 MS. MARSHALL: Okay.

10 MR. BASS: -- that are fully funded in
11 some way, either through the --

12 MS. MARSHALL: Okay, so what I think --

13 MR. BASS: -- entire project or --

14 MS. MARSHALL: -- so what you're
15 reporting is planned demand side projects that
16 you've accounted for in your forecasts, so you
17 wouldn't necessarily have a cost?

18 MR. BASS: Right, yeah. I mean there is
19 a cost involved, but it isn't a cost that's being
20 borne by anybody other than the customer and
21 ourselves, so.

22 MS. MARSHALL: Okay, we should clarify
23 that a little.

24 MR. BASS: Thank you very much.

25 MS. MARSHALL: Okay.

1 DR. VONDER: Tim Vonder, again. Quick
2 question on DSM committed.

3 MS. MARSHALL: Um-hum.

4 DR. VONDER: I guess a couple things.
5 Are we to include existing committed DSM? And in
6 both the existing and future committed DSM, are we
7 to consider decay in the DSM?

8 MS. MARSHALL: Yes.

9 DR. VONDER: And is there any assumption
10 regarding replacement if there is decay? Or just
11 decay and leave it at that?

12 MS. MARSHALL: I think this form is just
13 the decay savings from those program impacts. Is
14 that --

15 DR. VONDER: Okay, so first year, and it
16 has a life, and then it decays.

17 MS. MARSHALL: Yeah.

18 DR. VONDER: So the impacts lessen as
19 the decay occurs?

20 MS. MARSHALL: Yeah.

21 DR. VONDER: And then for programs that
22 are in place prior to 2006 the impacts that we're
23 carrying forward and they decay, we allow that
24 decay to occur, also?

25 MS. MARSHALL: Um-hum.

1 DR. VONDER: Okay. Just wanted to make
2 sure.

3 DR. JASKE: Well, I think just to
4 clarify the intent of your question, what would
5 you then do about the decayed impacts? Would you
6 replace them with something that's sort of
7 customer initiated?

8 DR. VONDER: Well, there's a couple ways
9 to go about that. One would be to assume that it
10 gets picked up in noncommitted. But we're not
11 going to be including noncommitted in this version
12 of the forecast.

13 And then there's assumption that it
14 could be -- that consumers would replace
15 technologies that wear out with technologies that
16 were at least as energy efficient, so.

17 DR. JASKE: Well, it seems to me that
18 these are, in fact, illustrations of
19 uncertainties, and there is no right answer. So
20 you should, at least from my perspective, just
21 document whatever you assume so that we
22 understand, you know, what you have done.

23 I don't think we're intending in this
24 area to impose a particular kind of uniformity.
25 However you want to decide to produce your

1 forecast, do so and document it.

2 MS. MARSHALL: Okay. Speaking of
3 documentation, form 4 is your report on the method
4 you used, how you define your customer classes,
5 your forecast categories, explanation of things
6 like loss, what losses are included in your
7 forecast. It's a part of load we talked about a
8 little bit, what you assumed about operating
9 practices and price response in developing that
10 forecast.

11 The weather adjustment; methods used to
12 develop the weather sensitivity case we're
13 particularly interested in. Supply --
14 calibration, and we have already distributed to
15 most people, I think, the consumption data that
16 we're using, or sales data we're using for our LSE
17 forecast. So we hope you'll review those and
18 provide comment and let us know if we do, indeed,
19 have a consistent set of data between us.

20 To the extent that you have pre-existing
21 reports on your forecast methodology, those are
22 fine.

23 Does anyone have any questions on that?

24 Form 6. This is the uncertainty area.

25 In the instructions we list a number of issues

1 that we think are of interest; regulatory changes,
2 effects of demand response, prices, economic and
3 other market conditions. We are asking that each
4 LSE characterize those uncertainties. It may be
5 those, it may be some we didn't list, that you
6 think are most significant for your forecast. And
7 to quantify the expected effects.

8 We are not asking each LSE to quantify
9 each of those cases. It's actually a little
10 ambiguous as you read the text. So we'll clarify
11 that in the next one, that we are not requiring
12 everyone to list every possible -- to quantify
13 every possible case we listed.

14 And with that, I think people -- we can
15 go back to more general comments and questions.
16 And there were several questions we asked about
17 uncertainty about how we ought to pursue that.

18 MR. COCKAGNE: Mike Cockagne from LADWP.
19 Actually I think uncertainty is the role of the
20 state and not LSE. One reason I believe that is
21 that I think the number one uncertainty in this
22 state right now is demographics.

23 And of the forecasts that I've seen for
24 the next ten years in terms of population,
25 probably a wider variance than I've seen in my

1 career. Department of Finance has just lowered
2 their forecast for the state around 39 million. I
3 think in your last process it was closer to 40
4 million. Just went to the UCLA forecast; they
5 more agree with the 40 million.

6 So there's a huge difference in
7 demographics of the state. And to me that's the
8 biggest uncertainty.

9 Another issue about uncertainty is that
10 if you aggregate all the LSE forecasts together I
11 believe that you'll be too high. Because an LSE
12 has to plan for its service area load. But I
13 think what we know about demographics in the
14 state, is that really the big issue in
15 demographics is migration. And what causes
16 migration is economic ruin.

17 So I think if you look at most
18 demographic forecasts you see a migration pattern
19 about 190,000 people a year coming into the state.
20 If you look over the last ten years, the standard
21 deviation on migration pattern is about 170,000.
22 So your mean and your variance are very high.

23 What causes those variances is economic
24 ruin and in 1993/94 we had aerospace defense
25 collapse in L.A. County. Of the 170,000 that

1 moved out of the state that year, I think 110,000
2 came from L.A. County. And yet if you were
3 forecasting in 1990 you never would have
4 forecasted the events that came together to cause
5 that aerospace, you know, the end of the Cold War,
6 the federal government basically shutting down.

7 I can think of two other cases in the
8 state where you've lost industries in the last 10
9 or 15 years. I think in Sacramento area you had
10 the closing down of three Air Force bases. And I
11 think in the Silicon Valley recently you had the
12 bubble burst.

13 But I think the point is that we know, I
14 think, in the next ten years we're going to have
15 some industry in California disappear. As a local
16 forecaster, I cannot put that in my service area.
17 I'd be irresponsible to do that. I don't believe
18 any of these other guys can do it.

19 But at the state level, I mean that
20 would be the kind of input into the forecast that
21 I think you could really add. And therefore, I
22 really don't know, if you add up all the LSE
23 forecasts and your state forecasts, they should
24 equal, if that's even the right answer.

25 So, I think demographics is the big

1 uncertainty here. And it's really migration
2 patterns and how you forecast that, I think it's
3 very difficult.

4 MR. KENNEDY: Any other comments or
5 questions on form 6, on the uncertainty issue, or
6 more broadly?

7 MR. ASLIN: Richard Aslin, Pacific Gas
8 and Electric Company. This isn't on form 6, it's
9 more general.

10 I just wanted to get final clarification
11 on this issue about, for example, Pacific Gas and
12 Electric Company, our forecasts are in the FERC
13 regulatory accounts; that's how we do our
14 forecasts.

15 MS. MARSHALL: Yeah.

16 MR. ASLIN: And in the forms it talks
17 about different levels, like an SIC-based or
18 NAICS-based. And what I understood earlier was
19 that it will be okay for us to file our forecast
20 in terms of the FERC form?

21 MS. MARSHALL: Yeah.

22 MR. ASLIN: Okay.

23 MS. MARSHALL: Yeah, we've worked with
24 that.

25 MR. ASLIN: All right. Thanks.

1 MR. KENNEDY: It may be useful at this
2 point to sort of return to the attachment A in
3 terms of the substantive load forecasting issues
4 that were part B, and just sort of lay those on
5 the table for the group and see whether there's
6 any particular thoughts, comments, suggestions
7 that folks have.

8 I'll just quickly go over the three
9 questions that were in part B on this:

10 What are the key uncertainties affecting
11 the actual amount of electricity that end-users
12 will consume in California through a ten-year time
13 horizon?

14 What are the key uncertainties that
15 affect the amount of retail load that LSEs, of
16 various types and legal/regulatory constructs,
17 should expect to serve through a ten-year
18 timeframe?

19 What is the best way to address the
20 quantitative significance of these physical and
21 legal/regulatory uncertainties?

22 And these are some of the issues that
23 we, of staff, are sort of wrestling with and
24 putting, trying to move forward on. And certainly
25 we have a lot of collected knowledge about load

1 forecasting around the state in this room.

2 So to the extent that folks have
3 thoughts or comments on those, it may be useful to
4 share with the group.

5 On the other hand, --

6 (Laughter.)

7 MR. KENNEDY: Perhaps as I had said
8 before, as you put together any written comments,
9 while we haven't really marched through the
10 questions in part A of this, it may be useful to
11 go back to the attachment A and keep that in mind
12 as you prepare any written comments, to the extent
13 you have comments or suggestions.

14 We have had a couple of passing
15 references to confidentiality issues. And I'm
16 going to ask Caryn Holmes, the staff attorney
17 dealing with data collection portions of this, to
18 say a little bit about that.

19 MS. HOLMES: Good morning. Most of you
20 are, if you've been involved in the Energy
21 Commission's proceedings before, are familiar with
22 sort of the general construct of the
23 confidentiality process that we use.

24 The Commission starts with an assumption
25 that the data we use is public. This is reflected

1 in state law. Nevertheless, we understand that
2 some of the data that we receive as part of our
3 data collection process is entitled to
4 confidential designation, and will be treated as
5 such by the Commission Staff and by the Commission
6 in their work and in issuing reports.

7 Typically confidential data that's
8 coming across into our offices these days falls
9 into one of three categories -- I'm not sure
10 they're all going to be relevant to the demand
11 forecast issue -- has to do with, the first
12 category would be proprietary data.

13 Data that entities have collected that
14 represents something that gives them a competitive
15 advantage, and that they have taken efforts to
16 keep confidential, themselves.

17 A second category of information is --
18 and again, I'm not sure this is going to come up
19 in this context -- specific customer data.
20 Customers have a right to privacy; they have a
21 right to not have individual data released.
22 That's something else that we also take into
23 account when we go through our confidentiality
24 process.

25 The third category of data is one we're

1 paying more attention to these days. It has to do
2 with security concerns, information that comes to
3 us that has security implications may be kept
4 confidential.

5 The Commission's regulations set out a
6 fairly detailed process for confidential
7 designations. There are several categories of
8 data that are automatically confidential. I wish
9 I had a copy of our regulations with me this
10 morning, but they're across the street in the
11 building and I'm not going to try to make sure
12 that I can remember them all off the top of my
13 head.

14 For those types of data the entity needs
15 to simply identify the data as such; and I believe
16 sign an attestation that it hasn't been publicly
17 released anywhere. And that type of data is
18 automatically deemed confidential.

19 For other types of data we ask for an
20 application for confidentiality, which is just
21 really a statement, an explanation of why it's
22 proprietary, why it constitutes a trade secret,
23 whatever the basis is, and give us a little
24 information about the data. Goes through a review
25 process that's relatively quick, and you get an

1 answer back.

2 Typically the way the process works is
3 give-and-take between the attorneys for the people
4 that are submitting the information, and Energy
5 Commission Attorneys who handle confidentiality.
6 There is one person who handles all of our
7 confidentiality issues so that there is
8 consistency across information types. He was
9 planning to be here this morning, but I guess he
10 maybe went across the street and didn't realize
11 that the workshop had been moved.

12 Finally, there was a question or a
13 comment earlier about aggregation. In addition to
14 specific categories of data being deemed
15 automatically confidential, the Commission's
16 regulations on confidentiality identify certain
17 levels of aggregation which we deem sufficient to
18 protect confidentiality.

19 Now, if there is a specific reason,
20 there's a factual circumstance that you believe
21 that that rule is not protected, then you need to
22 tell us about it so we can take a second look at
23 it. And we'll be doing that as we go through this
24 process and you're submitting data.

25 So if anybody has any general questions

1 about confidentiality I'd be happy to try to
2 answer them. The specific kinds of questions that
3 I think that most of you will be concerned with in
4 terms of what is or what isn't, that will get
5 handled as you submit things and work with the
6 attorney in the legal office who handles all the
7 requests for confidentiality.

8 MR. MUREAU: Ted Mureau, Southern
9 California Edison. My particular concern is the
10 request for hourly data, particularly for the UDC
11 load. That information clearly has economic
12 ramifications for the utility and its ratepayers.

13 I would suggest that the staff, in their
14 forms and instructions, be proactive in
15 identifying what beforehand is confidential.
16 Because I think it makes it easier to complete the
17 forms and instructions if we know ahead of time
18 what will be treated as confidential.

19 This issue has been resolved at the PUC.
20 We provide them with confidential hourly data, and
21 it's used in various proceedings. And we would
22 assume that the Energy Commission would adopt
23 similar rules and regulations in terms of hourly
24 data, as opposed to this back-and-forth between
25 legal staffs.

1 MR. ALVAREZ: I'm Manuel Alvarez,
2 Southern California. Ted brought up a good point,
3 and I guess it's an item I wanted to bring up
4 generically that Karen brought up in terms of the
5 history of the confidentiality information.

6 I have the regulations back in my
7 office, also, so I'm familiar with it. But
8 there's a category subsequently, you know, in
9 terms of market-sensitive information where an
10 additional party can use some information for
11 strategic advantage that is detrimental to other
12 folks that is not in the historical category that
13 needs to be considered.

14 And then you get into this generic
15 problem of relationship between the Energy
16 Commission's confidentiality rules and the PUC's
17 confidentiality rules and the presumption of
18 what's public and what's not. And that's an area
19 we've talked about for a number of years.

20 I guess I'll put my faith hat on and say
21 that at some point, maybe, you know, our faith-
22 based policies will get us to some resolution and
23 resolve there. It's definitely something that
24 needs to be considered.

25 PRESIDING MEMBER GEESMAN: Yeah, if I

1 can break in there, I would not rely on a faith-
2 based policy. I think that you're much better off
3 looking at the statute that governs the Energy
4 Commission. It's a different statute from that
5 which governs the Public Utilities Commission.

6 And I think you need to recognize, as I
7 believe the Energy Commission has historically
8 done, we will carry out our statute. And I don't
9 believe that's likely to allow for advanced
10 guidance on what will be characterized as
11 confidential or not.

12 I'm sorry that that creates an
13 inconvenience, but I think the best guidance here
14 would be to look to our statute and our regs.

15 MR. KENNEDY: Are there any other
16 questions or comments on the question of
17 confidentiality?

18 Well, I think we are actually getting
19 very close to the end. Commissioner Geesman, I
20 don't know if you want to make some general
21 comments? I guess no.

22 So, if anyone has any final comments
23 that they want to share about any of the topics
24 discussed today this would be an opportunity.

25 I do have some information on tomorrow.

1 It's a bit uncertain at this point. We will
2 either be back here or in Hearing Room A across
3 the street, depending on whether or not the Energy
4 Commission building is open tomorrow.

5 Unfortunately, we apparently won't have
6 any word on that until at least about 2:30 this
7 afternoon.

8 So, if you're planning to come tomorrow,
9 plan to show up, and once again, if the Energy
10 Commission building's not open, then I would
11 assume that we will be in this same room. We
12 apparently do have the ability to use this room
13 again tomorrow.

14 And just a reminder that in terms of any
15 written comments we have asked for them to be
16 submitted by September 30th.

17 We will also try to get something of a
18 summary of the meeting out to the folks who
19 participated and posted to the website.

20 And also, as soon as we can, we will
21 have the transcript of this meeting up on the
22 website.

23 So, unless there are any further
24 comments? I think we are done for today.

25 Thank you all for your patience as we

1 sort of shuffled around and got things started.

2 (Whereupon, at 12:45 p.m., the workshop
3 was adjourned.)

4 --o0o--

CERTIFICATE OF REPORTER

I, PETER PETTY, an Electronic Reporter,
do hereby certify that I am a disinterested person
herein; that I recorded the foregoing California
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I further certify that I am not of
counsel or attorney for any of the parties to said
workshop, nor in any way interested in outcome of
said workshop.

IN WITNESS WHEREOF, I have hereunto set
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